



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5713-041
Job Sheet 187931-A

split



Part No: D5713-041

Job Qty: 12 pcs

Part Name: Receptacle Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/25/19

Job Tracking No:

Due Date: 1/4/19

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG D5713 REV.A IPP REV:A 18.12.18 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - 1	12 pcs	1/4/19	1/4/19	0.00	0.75	Small Fab - 1		36
110	QC 5	12 pcs	1/4/19	1/4/19	0.00	0.00	QC 5 - 10		9-89
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
120	Packaging 3-1 - Stock - B4B	12 pcs	1/4/19	1/4/19	0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		
							Packaging 3 - 12 - B4B		
							Packaging 3 - 13 - B4B		

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19/02/26

				Packaging 3 - 14 - B4B						
				Packaging 3 - 15 - B4B						
				Packaging 3 - 16 - B4B						
				Packaging 3 - 17 - B4B						
				Packaging 3 - 18 - B4B						
				Packaging 3 - 19 - B4B						
				Packaging 3 - 20 - B4B						
				Packaging 3 - 21 - B4B						
				Packaging 3 - 22 - B4B						
				Packaging 3 - 23 - B4B						
				Packaging 3 - 24 - B4B						
				Packaging 3 - 25 - B4B						
				Packaging 3 - 26 - B4B						
				Packaging 3 - 27 - B4B						
				Packaging 3 - 28 - B4B						
				Packaging 3 - 29 - B4B						
				Packaging 3 - 30 - B4B						
				Packaging 3 - 31 - B4B						
				Packaging 3 - 32 - B4B						
				Packaging 3 - 33 - B4B						
				Packaging 3 - 34 - B4B						
				Packaging 3 - 35 - B4B						
				Packaging 3 - 36 - B4B						
				130	QC 21 - SA	12 pcs	1/4/19	0.00 0.00	QC 21 - SA - 21	
									QC 21 - SA - 70	
				Part Op Descriptions: 100 - Install nutplate as per dwg.						
Job BOM										
Part / Item	Component Name	Quantity	Operation	Container						
D5713-1	Receptacle Plate	12 pcs (1 ea)	100-Small Fab - 1							
MS20426AD3-4	Rivet	24 Ea (2 ea)	100-Small Fab - 1							
MS21047L4	Nut Plate	12 Ea (1 ea)	110-QC 5							
Job Allocations										
Operation	Component Part	Required	Inventory	Allocated						
100-Small Fab - 1	D5713-1	12	31	0						
	MS20426AD3-4	24	2,689	0						
110-QC 5	MS21047L4	12	14	0						
Part Specifications										
Specifications could not be found.										



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D5713-041
Job Sheet 187931



split 30

007195

Part No: D5713-041

Job Qty: 330 pcs

Part Name: Receptacle Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/21/18

Job Tracking No:

Due Date: 1/4/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG D5713 REV.A3 IPP REV:A 18.12.18 NEW ISSUE DD VERF:DP

Ship Via:

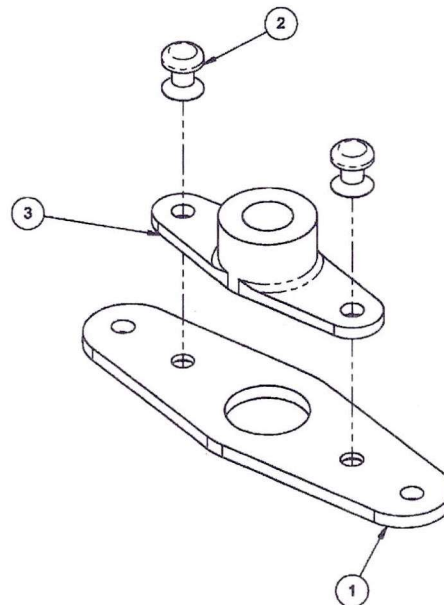
Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time	
100	Small Fab - 1	330 pcs	1/4/19		0.00	20.63	Small Fab - 1	
							Small Fab - 2	
							Small Fab - 3	
							Small Fab - 4	
							Small Fab - 5	
							Small Fab - 6	
							Small Fab - 7	
110	QC 5	330 pcs	1/4/19		0.00	0.00	QC 5 - 10	
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 38	
							QC 5 - 42	
							QC 5 - 43	
							QC 5 - 49	
							QC 5 - 51	
							QC 5 - 58	
							QC 5 - 68	
							QC 5 - 9	
							QC 5 - 50	
							QC 5 - 30	
120	Packaging 3-1 - Stock - B4B	330 pcs	1/4/19		0.00	0.00	Packaging 3 - 1 - B4B	
							Packaging 3 - 2 - B4B	
							Packaging 3 - 3 - B4B	
							Packaging 3 - 4 - B4B	
							Packaging 3 - 5 - B4B	
							Packaging 3 - 6 - B4B	
							Packaging 3 - 7 - B4B	

					Packaging 3 - 8 - B4B																					
					Packaging 3 - 9 - B4B																					
					Packaging 3 - 10 - B4B																					
					Packaging 3 - 11 - B4B																					
					Packaging 3 - 12 - B4B																					
					Packaging 3 - 13 - B4B																					
					Packaging 3 - 14 - B4B																					
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					Packaging 3 - 26 - B4B																					
					Packaging 3 - 27 - B4B	5181																				
					Packaging 3 - 28 - B4B																					
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130	QC 21 - SA	330 pcs	1/4/19	0.00 0.00	QC 21 - SA - 21																					
					QC 21 - SA - 70																					
Part Op Descriptions: 100 - Install nutplate as per dwg.																										
Job BOM <table border="1"> <thead> <tr> <th>Part / Item</th> <th>Component Name</th> <th>Quantity</th> <th>Operation</th> <th>Container</th> </tr> </thead> <tbody> <tr> <td>D5713-1</td> <td>Receptacle Plate</td> <td>330 pcs (1 ea)</td> <td>100-Small Fab - 1</td> <td>5140897X239 X 5142844X</td></tr> <tr> <td>MS20426AD3-4</td> <td>Rivet</td> <td>660 Ea (2 ea)</td> <td>100-Small Fab - 1</td> <td>45136444-2-1</td></tr> <tr> <td>MS21047L4</td> <td>Nut Plate</td> <td>330 Ea (1 ea)</td> <td>100-Small Fab - 1</td> <td>5139853 X12</td></tr> </tbody> </table>							Part / Item	Component Name	Quantity	Operation	Container	D5713-1	Receptacle Plate	330 pcs (1 ea)	100-Small Fab - 1	5140897X239 X 5142844X	MS20426AD3-4	Rivet	660 Ea (2 ea)	100-Small Fab - 1	45136444-2-1	MS21047L4	Nut Plate	330 Ea (1 ea)	100-Small Fab - 1	5139853 X12
Part / Item	Component Name	Quantity	Operation	Container																						
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MS21047L4	Nut Plate	330 Ea (1 ea)	100-Small Fab - 1	5139853 X12																						
Job Allocations <table border="1"> <thead> <tr> <th>Operation</th> <th>Component Part</th> <th>Required</th> <th>Inventory</th> <th>Allocated</th> </tr> </thead> <tbody> <tr> <td rowspan="3">100-Small Fab - 1</td> <td>D5713-1</td> <td>330</td> <td>8</td> <td>0</td> </tr> <tr> <td>MS20426AD3-4</td> <td>660</td> <td>3,945</td> <td>0</td> </tr> <tr> <td>MS21047L4</td> <td>330</td> <td>3</td> <td>0</td> </tr> </tbody> </table>							Operation	Component Part	Required	Inventory	Allocated	100-Small Fab - 1	D5713-1	330	8	0	MS20426AD3-4	660	3,945	0	MS21047L4	330	3	0		
Operation	Component Part	Required	Inventory	Allocated																						
100-Small Fab - 1	D5713-1	330	8	0																						
	MS20426AD3-4	660	3,945	0																						
	MS21047L4	330	3	0																						
Part Specifications																										
Specifications could not be found.																										

ITEM	QTY	P/N	DESCRIPTION
X	X	D5713-041	RECEPTACLE ASSY
1	1	D5713-1	RECEPTACLE PLATE
2	2	MS20426AD3-4	RIVET, SOLID, CSK
3	1	MS21047L4	NUTPLATE

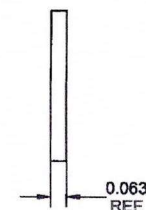
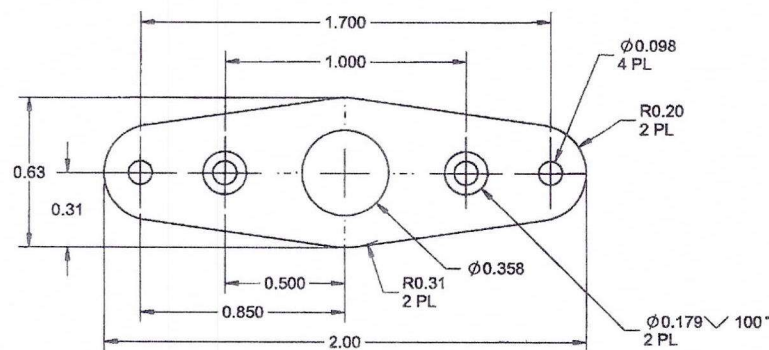


D5713-041 RECEPTACLE ASSY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENTS
WITHOUT NOTICE
WORK ORDER
NO. 187931 M.C.S.
1872-4

- NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.7
7) WEIGHT: 0.02 lbs

A	NEW ISSUE, REF CAR 18-282	VS	18.12.12
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	DD	D5713	SHEET 1 OF 2
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	RECEPTACLE	NTS
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NOTES:

- NOTES:**
1) MATERIAL: 8061-T8/T62 ALUMINUM SHEET, 0.063" THK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC M8061T6S.063
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.006 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.00 lbs

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DART SERVICE BULLETIN SB18-4

REF. TCCA STC: SH14-14
REF. FAA STC: SR03538NY
REF. ANAC STC: 2014S07-11
REF. JCAB STC: STC-372-OSA/STC-371-OSA
REF. EASA STC: 10056574

It has come to Dart's attention that a QD3072-46 Receptacle on the QB21308 Assembly Screen manufactured by Pall Aerospace as part of the D350-822-011/-013 PA100 PUREair System may have come loose in service, may have been ingested during aircraft ground runs and may have caused FOD damage to the engine on that aircraft.

Following this recent incident, Dart recommends that operators with the D350-822-011/-013 PA100 PUREair System installed on their aircraft take the following action PRIOR TO THEIR NEXT FLIGHT.

1. Remove the Upper Engine Cowl per the Aircraft Maintenance Manual.
2. Remove the Air Intake Seal and the entire QB21308 Assembly Screen by removing qty(22) fasteners washers per the Aircraft Maintenance Manual. Retain hardware.
3. Inspect the 1/4 turn fasteners for wear and/or bending damage from the Transition Duct, particularly if the D350-822-011/-013 kit has been installed on an aircraft with dual hydraulics and the D5090-041 Duct Assy has been installed. Inspect the D5090-041 Duct Assy for evidence of impingement and correct alignment with the seal and FOD screen. If wear and/or bending damage and/or misalignment is observed, contact Dart Customer Support immediately for disposition.
4. Separate the FOD screen from the QB21496 Receptacle by turning the 1/4 turn fasteners and lifting the handle per Figure 1.
5. Inspect the QD3072-46 Receptacles on the backside of the QB21496 Receptacle by applying 10-20 lb (5-10 kg) of finger pressure to ensure that they are not coming loose. A gap between the receptacle barrel and rivet plate is an indication of a loose/damaged receptacle.
6. If any of the QD3072-46 Receptacles are determined to be loose or spinning, contact Dart Customer Support immediately for disposition.
7. If the QD3072-46 Receptacles are determined to be well installed, re-install the FOD screen onto the QB21496 Receptacle. Verify that the 1/4 turn fasteners are fully engaged into the corresponding QD3072-46 Receptacles.
8. Customers who are concerned about the integrity of the QD3072-46 Receptacles may choose to replace them with bolts and non-floating anchor nuts using the DSI 9815-011 kit, which may be procured from Dart.
9. Ensure the Engine Intake is clear.
10. Reinstall the QB21308 Assembly Screen between the Engine Intake Duct and the Air Intake Seal removed at step 2 using qty(22) fasteners per the Aircraft Maintenance Manual.
11. Reinstall the Upper Engine Cowl per the Aircraft Maintenance Manual.

WARNING: It is imperative that each time the FOD Screen is removed from the intake per Section 71.5 of ICA-D350-822 to perform inspections that the qty(4) 1/4 turn fasteners are fully engaged into the corresponding Receptacles when the FOD Screen is re-installed per Section 71.6 of ICA-D350-822. Customers should try to limit the frequency with which the FOD Screen is taken in and out of the aircraft.

NOTE: The QB21308 Assembly Screen MUST be installed for flight.

APPROVED

A	NEW ISSUE	VS	18.12.03
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	N/A	SB18-4	SHEET 1 OF 2
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DE APPR.	DS	SERVICE BULLETIN	NTS
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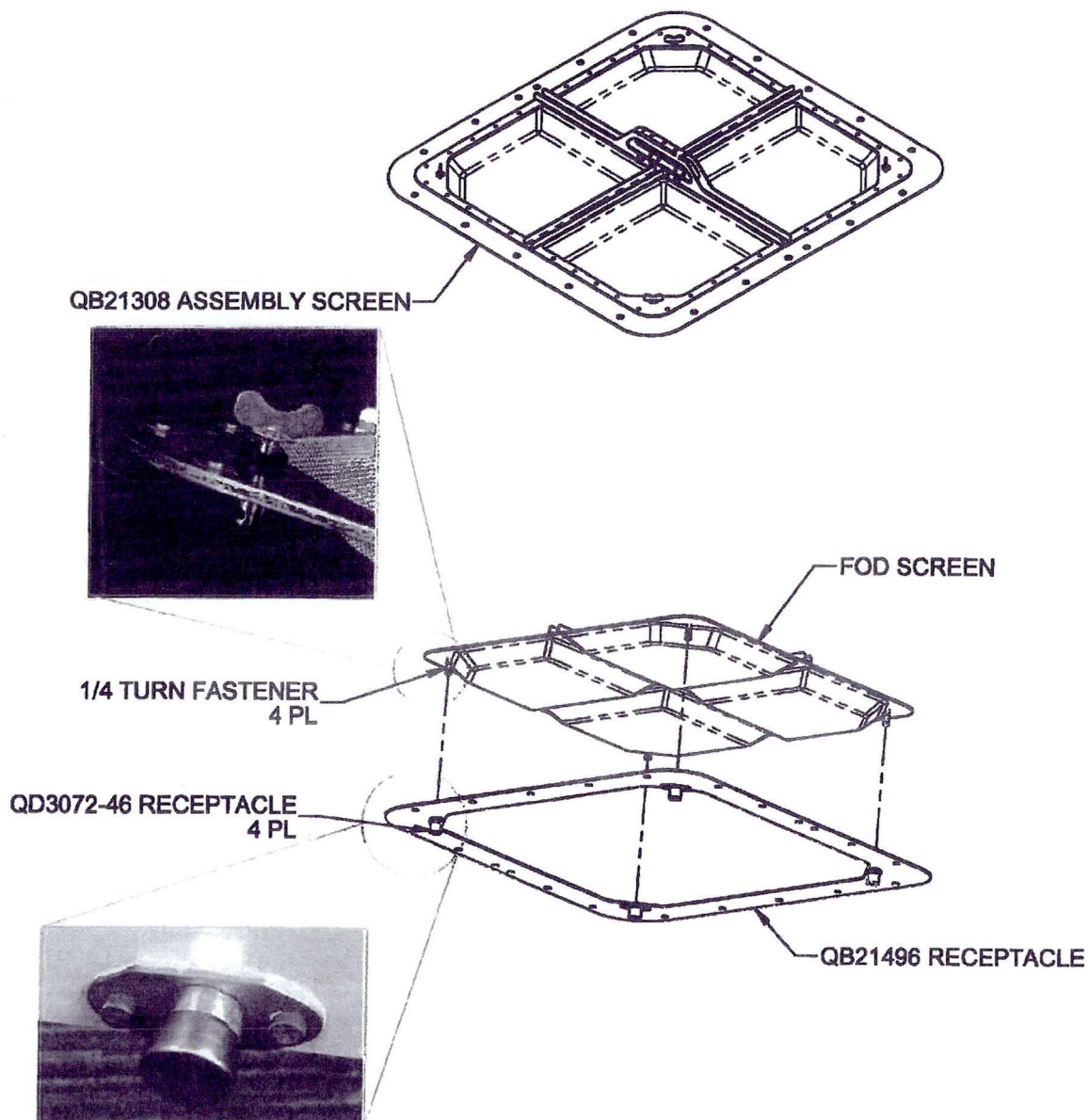


Figure 1 - QB21308 Assembly Screen

For further information, contact Dart at:

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Canada

Tel: 1 613 632 5200
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email: support.on@dartaero.com
website: www.dartaerospace.com

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DESIGN	VS
DRAWN	VS
CHECKED	WK
MFG. APPR.	N/A
APPROVED	VS
DE APPR.	DS
DATE	18.12.03

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

SB18-4

TITLE

SERVICE BULLETIN

REV. A

SHEET 2 OF 2

SCALE

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Email: sales@dartaero.com
www.dartaerospace.com

Container No: S156238



Part: D5713-041

Job No: 187931-A

Serial No/Batch: S156235

Revision: A

Inspector:

Exp Date:

Instructions:

Date: 02/26/19